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July 1961

PHOTOGRAPHIC INTERPRETATION BRIEF

# DODONOVO ATOMIC ENERGY COMPLEX NEAR KRASNOYARSK, USSR



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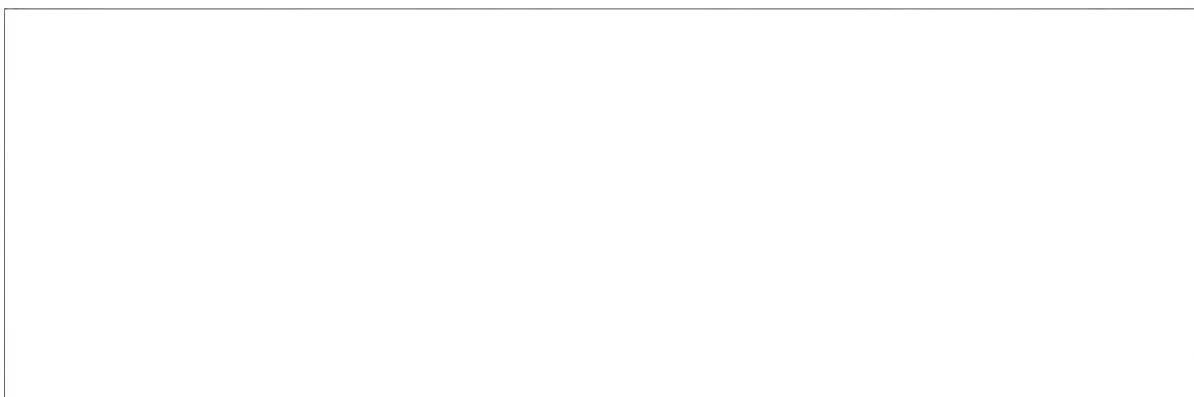
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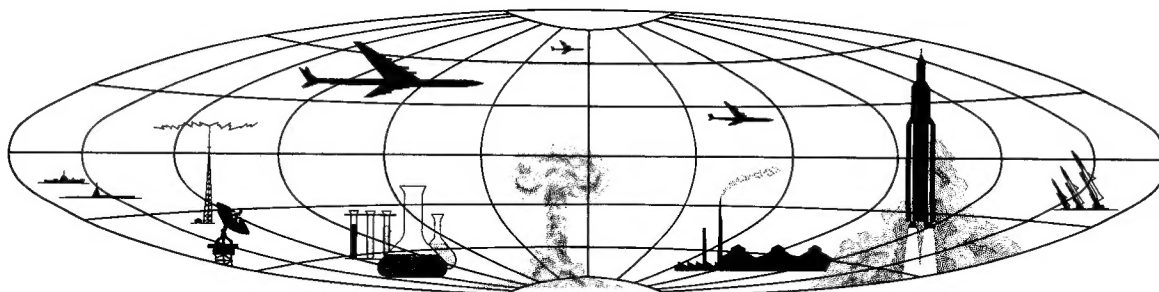


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## DODONOVO ATOMIC ENERGY COMPLEX NEAR KRASNOYARSK, USSR

The Dodonovo Atomic Energy Complex (56-15N 93-32E), located 25 nautical miles (nm) northeast of Krasnoyarsk, appears on partially cloud-covered satellite photography of [REDACTED]. A preliminary comparison of this photography with the poor-quality Genetrix photography of [REDACTED]

[REDACTED] a new power line trace connecting the Dodonovo complex [REDACTED]

[REDACTED] a water reservoir created by the completion of a dam in the center of the complex [REDACTED]

Two surface-to-air missile sites protecting the complex were also observed. Considerable cloud cover precludes determination of all the functions and facilities or the extent of the Dodonovo complex (see Figures 1 and 2).

VITAL RECORDS COPY

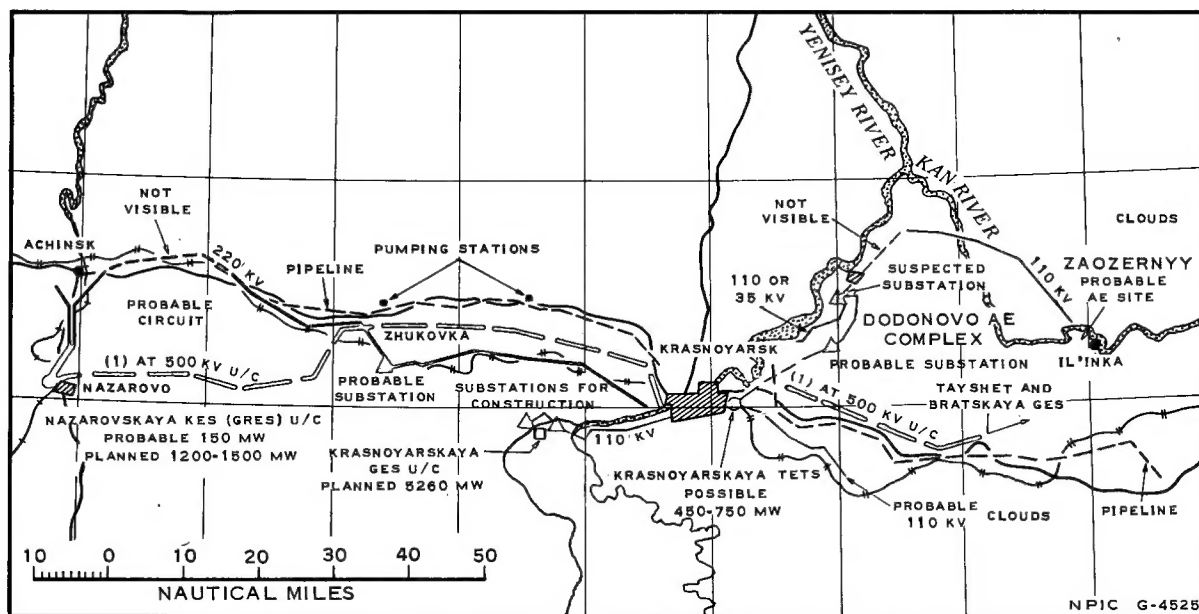


FIGURE 1. ELECTRIC POWER GRID SERVING THE DODONOVO ATOMIC ENERGY COMPLEX NEAR KRASNOYARSK, USSR.

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### Electric Power

Electric power for the Dodonovo Complex (see Figure 1) is supplied from Krasnoyarskaya TETS, which is estimated to have a capacity of 450 to 750 megawatts (mw). This may be supplemented by power from one turbogenerator (150 mw) of the Nazarovskaya KES (TETS). Power from Krasnoyarsk is transmitted to Dodonovo over possibly two 110-kilovolt (kv) power lines within a single trace. These are tied into a probable substation in the south part of the Dodonovo complex and then probably into a suspected substation further north in an area hidden by cloud cover. The Nazarovskaya KES is probably tied to Krasnoyarsk by a 220-kv power line, probably single circuit. Another 220-kv power line leaving the power plant branches westward near Achinsk where it is obscured by cloud cover. Sections of a trace of the one-circuit 500-kv power line which is to connect Nazarovo with Bratskaya GES are visible between Nazarovo and Krasnoyarsk and east of Krasnoyarsk. Support towers, probably for this power line, are visible east of Nazarovo.

A new power line extends from the [ ] at the north end of the complex to an unidentified facility (see Figure 4) under construction on the Kan River approximately 15 nm northwest of Zaozernyy. This facility partially obscured by clouds, is connected to the river by a canal. It does not appear to be a thermal power plant.

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### New Reservoir

A new reservoir is located between the main residential area and the south industrial area of the complex. The reservoir could furnish water for limited industrial use as well as supply the domestic needs of the complex.

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A road and a railroad just south of the dam construction, and spanning what is now the reservoir, was observed in 1956. The railroad now passes over the dam. A new road connecting the main residential area and the south industrial area runs south of the reservoir. There may be a road paralleling the railroad across the dam. No pumping stations, canals, or pipelines associated with the reservoir were observed, but the small scale and image quality of the photography might preclude their identification.

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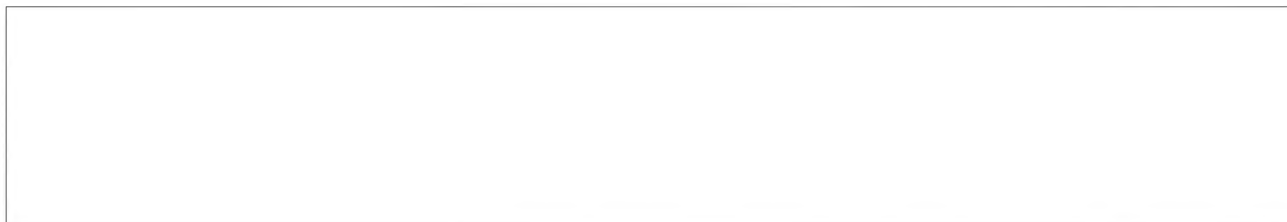
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## REFERENCES

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## MAPS OR CHARTS

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3. CIA. PIC/JR-1003/60, Nizhnyaya Tura and Yuryuzan Atomic Energy Complexes, USSR, Nov 60 [redacted] 25X1

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